

10092889

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from STN
NEWS 35 Dec 04 CSA files on STN

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 13:16:34 ON 12 DEC 2002

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:16:44 ON 12 DEC 2002

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STRUCTURE FILE UPDATES: 11 DEC 2002 HIGHEST RN 475975-25-8

DICTIONARY FILE UPDATES: 11 DEC 2002 HIGHEST RN 475975-25-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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Uploading 10092889.str

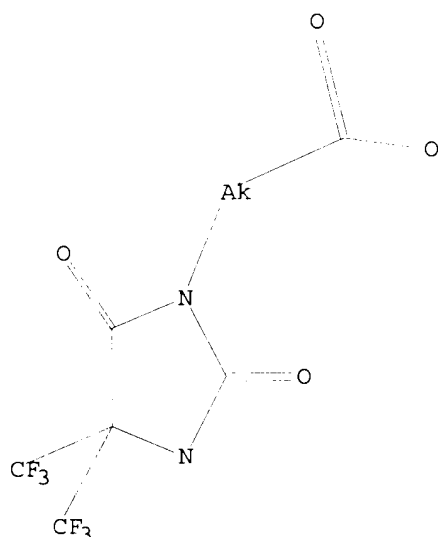
L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

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Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 13:17:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 13:17:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 41 TO ITERATE

100.0% PROCESSED 41 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L3 6 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	140.28	140.49

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FILE COVERS 1907 - 12 Dec 2002 VOL 137 ISS 24
FILE LAST UPDATED: 11 Dec 2002 (20021211/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s l3 full
L4 2 L3

=> d l4 1-2 ibib abs hitstr

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:716255 CAPLUS

DOCUMENT NUMBER: 137:247917

TITLE: Preparation of carboxymethylbis(trifluoromethyl)hydant
oins as drug intermediates.

INVENTOR(S): Wehner, Volkmar; Stilz, Hans Ulrich; Burger, Klaus;
Golubev, Alexander; Ossipov, Sergej

PATENT ASSIGNEE(S): Aventis Pharma Deutschland G.m.b.H., Germany

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

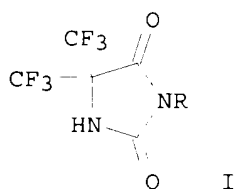
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002072557	A1	20020919	WO 2002-EP1918	20020223
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10111876	A1	20020919	DE 2001-10111876	20010310
US 2002183374	A1	20021205	US 2002-92889	20020308

PRIORITY APPLN. INFO.: DE 2001-10111876 A 20010310

OTHER SOURCE(S): MARPAT 137:247917

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AB Title compds. [I; R = residue of an amino carboxylic acid (deriv.)], were prepd. Thus, diphosgene was added to N-formyl-L-leucine tert-Bu ester and triethylamine in CH₂Cl₂ at -30.degree. followed by stirring at -10.degree.. The residue was stirred with 2-tert-butoxy-4,4-bis(trifluoromethyl)-1,3-oxazabuta-1,3-diene (prepn. given) in benzene at 60.degree. overnight to give 80% tert-Bu (S)-2-[4,4-bis(trifluoromethyl)-2,5-dioxoimidazolidin-1-yl]-2-(2-methylpropyl)acetate.

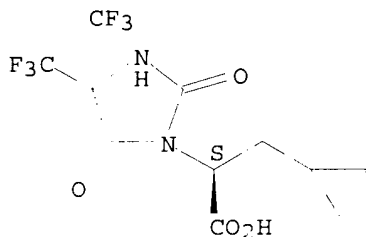
IT **457059-30-2P**, (S)-2-[4,4-Bis(trifluoromethyl)-2,5-dioxoimidazolidin-1-yl]-2-(cyclopropylmethyl)acetic acid
457059-31-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of carboxymethylbis(trifluoromethyl)hydantoins as drug intermediates)

RN 457059-30-2 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(cyclopropylmethyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, (.alpha.S)- (9CI) (CA INDEX NAME)

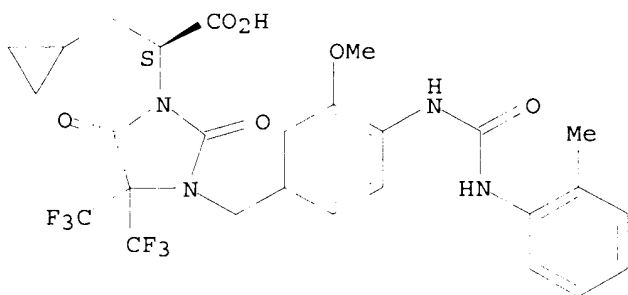
Absolute stereochemistry. Rotation (-).



RN 457059-31-3 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(cyclopropylmethyl)-3-[[[3-methoxy-4-[[[(2-methylphenyl)amino]carbonyl]amino]phenyl]methyl]-2,5-dioxo-4,4-bis(trifluoromethyl)-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT **457059-29-9P**, tert-Butyl (S)-2-[4,4-bis(trifluoromethyl)-2,5-

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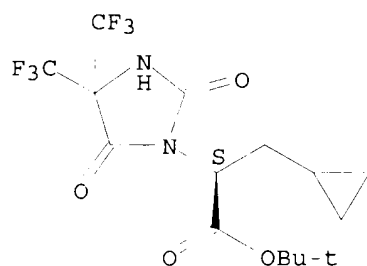
dioxoimidazolidin-1-yl]-2-(cyclopropylmethyl)acetate **457059-33-5P**
, tert-Butyl (S)-2-[4,4-bis(trifluoromethyl)-2,5-dioxoimidazolidin-1-yl]-2-(2-methylpropyl)acetate **457059-34-6P**, (S)-2-[4,4-bis(trifluoromethyl)-2,5-dioxoimidazolidin-1-yl]-2-(2-methylpropyl)acetic acid

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of carboxymethylbis(trifluoromethyl)hydantoins as drug intermediates)

RN 457059-29-9 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(cyclopropylmethyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, 1,1-dimethylethyl ester, (.alpha.S)- (9CI) (CA INDEX NAME)

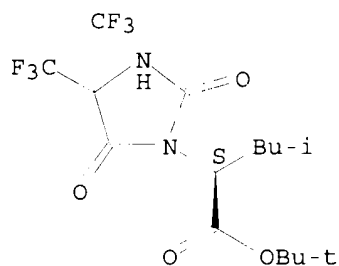
Absolute stereochemistry. Rotation (-).



RN 457059-33-5 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(2-methylpropyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, 1,1-dimethylethyl ester, (.alpha.S)- (9CI) (CA INDEX NAME)

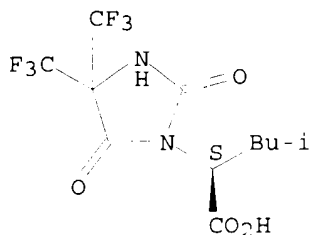
Absolute stereochemistry. Rotation (-).



RN 457059-34-6 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(2-methylpropyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



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REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:695648 CAPLUS

DOCUMENT NUMBER: 137:216951

TITLE: Preparation of dioxoimidazolidinealkanoamides as VLA-4 receptor antagonists

INVENTOR(S): Wehner, Volkmar; Blum, Horst; Ruetten, Hartmut; Stilz, Hans Ulrich

PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany

SOURCE: Ger. Offen., 42 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

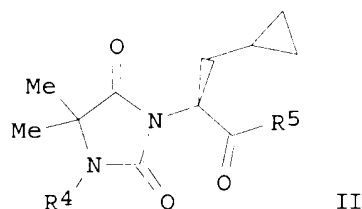
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10111877	A1	20020912	DE 2001-10111877	20010310
WO 2002072573	A1	20020919	WO 2002-EP1917	20020223
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: DE 2001-10111877 A 20010310

OTHER SOURCE(S): MARPAT 137:216951

GI



AB Title compds., e.g., $R_1NHCONHZCH_2Z_1CHRCONHCHR_2CH_2R_3$ [I; R = cyclopropylmethyl or CH_2CHMe_2 ; R_1 = (2-methyl)phenyl; R_2 = (un)substituted alkyl, -Ph, pyridinyl; R_3 = CHO, CO_2H , alkoxy carbonyl, CH_2OR_7 , etc.; R_7 = H or alkyl; Z = 2-hydroxy or -(fluoro)alkoxy-1,4-phenylene; Z_1 = 5,5-di(trifluoro)methyl-2,4-dioxoimidazolidine-1,3-diyl] were prepd. Thus, (S)- $H_2NCHRCO_2CH_2Ph$ (R = cyclopropylmethyl) (prepn. given) was amidated by $MeO_2CNHMe_2CO_2H$ and the produced cyclized to give dioximidazolidine II (R_4 = H, R_5 = OH) which was N-alkylated by 4-[3-(2-methylphenyl)uriedo]-3-methoxybenzyl chloride (prepn. given) and the product amidated by (R)- $H_2NCHMeCH_2CO_2CMe_3$ to give, after sapon., II [R_4 = 2-MeC₆H₄NHCONHZCH₂, R_5 = (R)-NHCHMeCH₂CO₂H, Z = 2-methoxy-1,4-phenylene]. Data for biol. activity of I were given.

IT 457059-29-9P 457059-30-2P 457059-31-3P

457059-33-5P 457059-34-6P 457059-35-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

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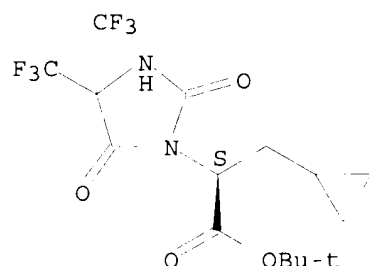
(Reactant or reagent)

(prepn. of dioxoimidazolidinealkanoamides as VLA-4 receptor antagonists)

RN 457059-29-9 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(cyclopropylmethyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, 1,1-dimethylethyl ester, (.alpha.S)- (9CI) (CA INDEX NAME)

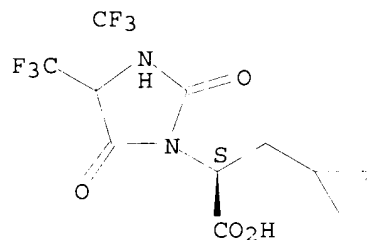
Absolute stereochemistry. Rotation (-).



RN 457059-30-2 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(cyclopropylmethyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, (.alpha.S)- (9CI) (CA INDEX NAME)

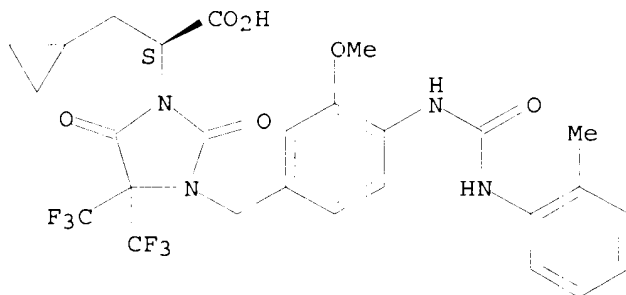
Absolute stereochemistry. Rotation (-).



RN 457059-31-3 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(cyclopropylmethyl)-3-[[[3-methoxy-4-[[[(2-methylphenyl)amino]carbonyl]amino]phenyl]methyl]-2,5-dioxo-4,4-bis(trifluoromethyl)-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



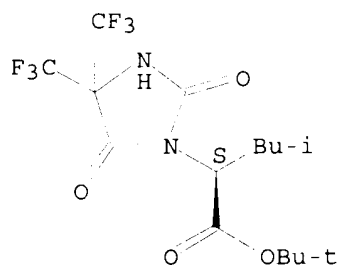
RN 457059-33-5 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(2-methylpropyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, 1,1-dimethylethyl ester, (.alpha.S)- (9CI) (CA INDEX NAME)

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INDEX NAME)

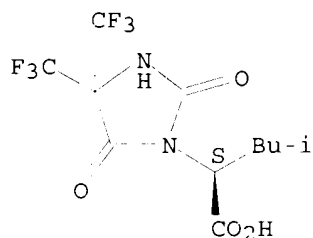
Absolute stereochemistry. Rotation (-).



RN 457059-34-6 CAPLUS

CN 1-Imidazolidineacetic acid, .alpha.-(2-methylpropyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 457059-35-7 CAPLUS

CN 1-Imidazolidineacetic acid, 3-[[[3-methoxy-4-[[[(2-methylphenyl)amino]carbonyl]amino]phenyl]methyl]-.alpha.-(2-methylpropyl)-2,5-dioxo-4,4-bis(trifluoromethyl)-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

